Index of Claims

| Application/Control No. |
|-------------------------|
|-------------------------|

10/701,846

Examiner

Date

Kaitlin S. Joerger

Applicant(s)/Patent under Reexamination

COLGROVE ET AL.

Art Unit

3653

| √ | Rejected |
|----------|----------|
| _ | Allowood |

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

Claim

| N | Non-Elected |
|---|--------------|
| - | Interference |

| A | Appeal |
|---|----------|
| o | Objected |

| | | | | | | | ! | l | | | | |
|--------------|---|--------------|--|----------|--|--------------|--|--|--|--------------|--|--|
| Cle | ima | Date | | | | | | | | | | |
| Cla | | \vdash | | | _ | Jace | - | | 1 | ᅱ | | |
| _ | Original | | | | | | | | | | | |
| Final | gi | | | | | | | | | | | |
| LL. | Ö | | | | | | | | | | | |
| | | _ | | | | | | | | 4 | | |
| | 1 | = | | | | | | _ | | _ | | |
| | 2 | 1 | | | | | | | | | | |
| | 1 2 3 4 5 6 | Ш | | | | | | | - | | | |
| | 4 | Щ | | | | | | | | _ | | |
| ļ | 5 | \perp | | | | | | | | _ | | |
| _ | 6 | IL. | | | | | | | | | | |
| | 7 | L | | | | | | | | Ш | | |
| | 8 | | | | | | | | Щ | | | |
| | 9 | ! | | | | | | | | | | |
| | 10 | <u> </u> | | | | | | | | | | |
| | 11 | 1 | L | L | | | L | | Ш | | | |
| | 12 | 1 | | <u> </u> | | | | Щ | Ш | | | |
| | 13 | | _ | | | | $oxed{oxed}$ | | Ш | Щ | | |
| | 14 | 1 | | <u>_</u> | | _ | $oxed{oxed}$ | | | Ш | | |
| | 15 | 1 | <u> </u> | <u> </u> | | _ | | _ | _ | Щ | | |
| | 16 | 1 | | <u> </u> | <u> </u> | <u> </u> | $oxed{oxed}$ | | | | | |
| | 9 10 11 12 13 14 15 16 17 18 | 4 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | L_ | | Ш | | |
| | 18 | 1 | _ | | _ | | | | | Ш | | |
| | 19 | Ш | | | | _ | | | | | | |
| | 20 21 | Ш | <u> </u> | L. | <u> </u> | <u> </u> | _ | _ | | | | |
| | 21 | Ш | _ | <u> </u> | _ | | ļ | | | _ | | |
| | 22 23 | 11 | <u> </u> | L_ | _ | <u> </u> | - | | _ | | | |
| | 23 | ₩ | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | | <u>_</u> | | | |
| | 24 25 26 27 | H | — | - | | ├ | ├— | <u> </u> | ┝ | | | |
| <u> </u> | 25 | Н | ├ | - | \vdash | - | ┢ | ⊢ | - | H | | |
| <u> </u> | 27 | ₩ | ╁ | ⊢ | ┢ | ├ | - | ⊢ | ├ | \vdash | | |
| | 20 | ╁ | ├ | ⊢ | - | - | ├ | \vdash | ⊢ | - | | |
| | 28 29 30 | +- | ┢ | \vdash | \vdash | | | | ├ | - | | |
| <u> </u> | 29 | ╫ | ⊢ | ├ | ┢ | - | ⊢ | ├ | | | | |
| | 30 | ₩ | \vdash | ├ | | | \vdash | | \vdash | | | |
| | 31 32 | ╁ | \vdash | \vdash | \vdash | \vdash | - | | - | | | |
| | 32 | ╫ | \vdash | \vdash | - | \vdash | - | - | \vdash | | | |
| <u> </u> | 34 | ╫ | ├ | \vdash | | \vdash | +- | \vdash | +- | \vdash | | |
| | 33 34 35 | ╫ | \vdash | +- | +- | | +- | \vdash | ╁ | \vdash | | |
| \vdash | 36 | # | | \vdash | \vdash | | ╁ | - | \vdash | \vdash | | |
| \vdash | 36 37 38 | 忇 | ├- | + | \vdash | \vdash | \vdash | +- | t | \vdash | | |
| <u> </u> | 38 | 0 | +- | \vdash | ┢ | - | H | † | H | Ι- | | |
| \vdash | 39 | | 1 | † | | † | 一 | | \vdash | | | |
| | 40 | 1 | t | 1 | t | \vdash | \vdash | <u> </u> | | t | | |
| - | 41 | \vdash | \vdash | T | T | | | i – | 1 | | | |
| | 42 | 1 | H | T | _ | \vdash | T | 1 | T | | | |
| | 43 | | \vdash | \vdash | \vdash | T | | 1 | Τ | Г | | |
| | 44 | | T | 1 | 1 | t | T | Ι- | | | | |
| | 45 | \dagger | T | T | t | T | \vdash | 1 | | T | | |
| | 46 | 1 | Г | T | T | İΤ | Т | T | | 1 | | |
| | 47 | t | 1 | t^- | ⇈ | t | T | ⇈ | | | | |
| | 48 | T | T | Т | 1 | T | 1 | | T | Π | | |
| | 49 | T | T | 1 | | 1 | Т | П | Π | 1 | | |
| | 50 | Τ- | T | 1 | 1 | T | 1 | T | T | | | |

| <u> </u> | 21111 | | | | _ | 7016 | | | | — |
|----------|----------------------|----------|----------------|--------------|----------|----------------|--------------|----------|------------|-----------|
| Final | Original | | | | | | | | | |
| | 51 | | ヿ | | | | | | | |
| | 52 | | | | | | | | | \neg |
| | 52 53 | | | | | | | | П | ヿ゙ |
| | 54 | | | | | | | | | |
| | 55 | | | | | | | | П | |
| | 56 | | | | | | | | | |
| | 57 | | | • | | | | | | |
| | 58 | | | | | | | | | |
| | 59 | П | | | | | | | | |
| | 60 | | | | | | | | | |
| | 61 | | | | | | | | | |
| | 62 | | | | | | | | | |
| | 63 | | | | | | | | | |
| | 64 | | | | | | | | | |
| | 65 | | | | | | | | | |
| | 66 | | | | | | | | | |
| | 67 | | | | | | | | | Ш |
| | 68 | | | | | | | | | |
| | 69 | | | | | | | | | |
| | 70 71 | | | | | | | | | |
| | 71 | | | | | | | | | |
| | 72 | | | | | | | | | |
| | 73 74 | | | | | | | | L | |
| Ĺ | 74 | | | | | | _ | | | |
| | 75 | | L | | | L | L | L | | Ш |
| | 76 | | | L | | <u> </u> | <u></u> | | | Ш |
| | 76 77 78 79 | | | | | L | | | | Ш |
| | 78 | | | | L | | L | <u> </u> | | Ш |
| | 79 | <u> </u> | | L | | | ┖ | <u> </u> | _ | Щ |
| | 80 | | | <u>L</u> | <u> </u> | | <u> </u> | _ | ļ | Ц |
| <u> </u> | 81 | | | | <u> </u> | | <u> </u> | <u> </u> | | Ш |
| | 82 | <u> </u> | | | | _ | <u> </u> | <u> </u> | <u>L</u> | Щ |
| | 83 | <u> </u> | L_ | <u> </u> | <u> </u> | ! _ | <u> </u> | ļ | <u> </u> | Ш |
| | 84 | <u> </u> | | <u> </u> | L- | <u> </u> | ├ | <u> </u> | <u> </u> | Ш |
| <u></u> | 85 | \vdash | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash | <u> </u> | ⊢ | Щ |
| <u></u> | 86 87 | _ | <u> </u> | _ | ļ | _ | _ | <u> </u> | <u> </u> | \square |
| <u> </u> | 87 | ļ | <u> </u> | <u> </u> | <u> </u> | _ | ┞ | | ⊢ | Н |
| ļ | 88 | ├ | ├- | <u> </u> | ⊢ | _ | \vdash | <u> </u> | ├- | Н |
| <u> </u> | 89 | ├ | <u> </u> | . | ⊨ | - | | | - | Н |
| <u> </u> | 90 | ┞- | _ | | _ | | ⊢ | \vdash | 1 | \vdash |
| <u></u> | 91 | - | <u> </u> | \vdash | <u> </u> | ├ | | | ├ | Н |
| <u> </u> | 92 | ļ | _ | - | \vdash | _ | 1 | <u> </u> | \vdash | Н |
| <u> </u> | 93 | <u> </u> | <u> </u> | | \vdash | - | ├ | ⊢ | ├- | Н |
| <u> </u> | 94 | ⊢ | <u> </u> | \vdash | ├- | ├- | - | - | - | Н |
| <u> </u> | 95 | \vdash | ├- | ├- | - | - | | \vdash | - | \vdash |
| <u></u> | 96 | 1 | \vdash | ├- | _ | ├- | 1 | ├- | \vdash | \vdash |
| | 97 | | ├ | ├- | \vdash | ⊢ | ├- | - | ├- | \vdash |
| <u> </u> | 98 | ├ | \vdash | ├ | ├ | ₩. | ╀ | ├- | ├ - | \vdash |
| 1 | 99 | 1 | ı | ı | ı | 1 | 1 | 1 | 1 | 1 |

| Claim | | | | | Ę | Date | } | | | |
|----------|-------------------|--|----------|-----------|--------------|--------------|----------|--|--------------|------------|
| Final | Original | | | | | | | | | |
| | 101 | | | | | | | | | |
| | 102 | | | | | | | | _ | |
| | 103 | | | | | | | | | |
| | 104 | | | | | | | | | |
| | 105 | | | | | | | | | |
| | 106 | | | | | | | | | |
| | 107 | | | | | L | | | | |
| | 108 | | | _ | | _ | | | | |
| | 109 | _ | ļ_ | <u> </u> | | <u> </u> | | | | |
| <u> </u> | 110 | | <u> </u> | <u> </u> | <u> </u> | _ | - | | | Ш |
| | 111 | | <u> </u> | _ | <u> </u> | _ | | _ | _ | - |
| | 112 113 | | | _ | | | | ┝ | <u> </u> | |
| - | 113 | - | | - | | - | - | ⊢ | _ | \vdash |
| - | 114 | ⊢ | | | | | ┝ | _ | | \vdash |
| - | 115 116 | - | | ┢ | - | ⊢ | ┝ | _ | | Н |
| - | 110 | | - | ⊢ | - | ┝ | \vdash | | \vdash | H |
| | 117 118 | | ┢╌ | H | ┢╌ | \vdash | \vdash | - | | \vdash |
| - | 119 | | - | ┢ | \vdash | \vdash | \vdash | \vdash | | ╁ |
| - | 120 | \vdash | - | \vdash | ╁ | ┢ | | \vdash | | |
| - | 121 | - | - | \vdash | | - | | \vdash | H | - |
| - | 120 121 122 | - | - | | ┢ | \vdash | | \vdash | - | \vdash |
| | 123 | | | H | ┢ | t | | \vdash | \vdash | 一 |
| | 123 124 | T | | 1- | \vdash | | | | | T |
| | 125 | | Г | Т | 1 | | Г | | | |
| | 126 | | | | 1 | | Γ | П | | |
| | 127 | | | Π | | | | | | |
| | 128 129 | | | | | | | | | |
| | 129 | | | | | | | | | |
| | 130 | | | | | | | | | |
| | 131 132 | | | | | | | | | |
| | 132 | L | <u></u> | _ | <u> </u> | <u> </u> | | | _ | _ |
| | 133 | | _ | ┖ | <u> </u> | | | | L | L |
| <u> </u> | 134 135 | ļ | \vdash | ↓_ | ┞ | 1 | <u> </u> | <u> </u> | | <u> </u> |
| | 135 | ⊢ | | ₩ | | | ! | - | | 1 |
| | 136 137 | \vdash | 1 | 1 | 1 | ├ | ! | _ | - | |
| | 137 | \vdash | ╀ | \vdash | \vdash | ╌ | +- | - | \vdash | ├- |
| - | 138 139 | ₩ | - | ╁╌ | \vdash | ╁ | ├- | ┝ | \vdash | ╁ |
| | 140 | ╁ | \vdash | +- | ╁ | ╁ | ┝ | ⊢ | ┢ | ├ - |
| - | 141 | +- | \vdash | ╁ | ╁ | + | \vdash | \vdash | \vdash | +- |
| - | 142 | \vdash | ╁╴ | +- | + | + | +- | ╁ | \vdash | +- |
| _ | 143 | | + | t | t | +- | $^{+-}$ | † | \vdash | \vdash |
| — | 144 | 1 | T | \dagger | 1 | \vdash | t | t | 1 | T |
| | 145 | t | | T | T | 1 | 1 | | T | T |
| | 146 | | Τ | 1 | | T | | 1 | T | 1 |
| | 147 | 1 | T | Τ | 1 | Τ | T | 1 | T | \top |
| | 148 | Г | | T | T | T | T | 1 | T | T |
| | 149 | | Γ | Γ | Γ | | | T | | |
| | 150 | | | \prod | | | | | | |